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>SARS13.B21_A09___079.ab1 1875 ABI ACGCACCCCCAGCCCCACACCCGGCGCCCCCACCGCCCTCGCGCCAGAA GCGCGCCGGGGCTCCCACCGCGGANCCGGCAGGCACGGGAGCGAGGAGGC CGGACGAAAAAACAGAAAGGCCCCCCCCATAAAAGGAGGGGGGGNGGNNGN AGGNNNGGGNNGNNNGGNGNGGGGGGNNACCCCCTTATAAGAGGGCAGCA GACACCACCACGAACAGCGGCCGCGGCGAGCGCCGGCAAGCACGAAGCAA GCACAGCCGAAAGACGAGAGCCCACAGGGCGCCAGNGTGCCACGAGGAAA ACGGCGGAACAGGAGAAGAGGCGCGAAGCAATGAAGAGNAGACCGAGA ACGAATAACAGAGACAACCAGAGAAAGAACGAAAACGCG CCGCCGGACGCAGGGACCCCGAGGTAGAAGGCAGCCAAGGGAGGCGATGC GAGACAAGATGGCCGCGCGAAGCCACGAGGACAGACAGCCGCTGAACGAC GAGGAAAGGAGAGCCGAGAGCCGGAGGCAGGCGACACACGCCGAAGCC ATGCCGACAAGCAAGGAAAAAAGAGAACAGGCCACACATGGCGAACTAGC CATCGACGACGCCGCCACAACAGATCACGAGCGTACCACCTCGCCCTGCT GCCGGGCACAGAGCGAGGCGCCAGCCGCACGGAGTGAAACGAAGGGCCGC GCCGCGAGACAAGAATCAAGAACGAGCAATGAGAACGAGCGGTACGAGA GAGACGCGCGGAGACGGGGGGGGAGACAGAGCCGAGACAGAAGGGAGNCGG CAGCGAGGCGACCGCTCAAGCACGCACCCGCCCCGCGCCCACGGGGC CGCCGCCGCGCGAGCGCGCAGATACGCGAGAGTCCACCACGGACACAG AACGCACGACGAAAACAGGAGGGCGCACAGCCACCAACAGGGGGACGCAC ACAACGAGGGGGGGGAGAGATAGGGCAGCTAGCCGCAAGAGAGCGACCAA GCGCAGGCAGAAAGGAACGGACAAACTAGACCACGCGGAGGACCGAGA CACCGCCAACATGCCGCCACGACAACGACCGCCGACAGACGGCGACGGG CGGGGCGAAGCGACGTCGGCGCGACATCGGTCACGGAAAGGACTGAAAAC ACACGAGGCAGGAGGACGCACATCCCGCAAGGACAGCGGTGAAACGACG AAGGNGAGGGGAAGCGAGTGCAGACGCACCGACCCACCGACCA GCCAAGCACGAAGAGAGCACGAACACAAAGAAACAAGACAAAGGAAGA CAATACCAGCGGGACAAGAGAGCCAAGCGCCTCAACGACGGGGGAGGCAG CCCCGACCCGAAAGAAGGAAAGGAAAACACGACAGCCAGCAAGAGGCAG GACGCCCAAACAGAGAGAGAAGAACGCCCGACAGAACCGCCACAGGAGT AAACACACAAATCCGAACCGACGGAGGGACAGCCACAGCCGGCAGGGAAG

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_030.ab1 1745 >SARS13.B21_B04_ TCACGCATAGGCCCCAGANCAAGCGGAGCGAGGCGAGGAGAGACGGGAGCGG CAACAAGCGAGGCCAAAAAAGGGGTACAATAGCGTGGGAGACGGAGAGGA CGGAGATTGAAGGAAGAACCCCCCTATAAAAGGGGGGGACCGGCGCCCC GGGGGCNCGACGGCCCGGCGGCCCCCTTCTTATAAGACGNNNGACAA CNGATACACACAAAACAGGCAGCCAACCCATCAAGCCAACAGGGACCGCT GAAGGCCTGGGGAAGGAATCACAGGACNACAGATCGCAGAGAGACAACAG AGAGCTCAGAAGAGGGGCGCCCCAGCGGCGCGCGCGCGCACCGGGGGCCAC GACGCGACGCGGCGGGCAGAGGGGCGGGGTACGGGGCGGGAGCTGAGG TCGGGAACGCGAACACGAGATAAGCACGGGAAGAAAAGGGCGGAGAGAG GGCGGAGGCGCGAGTCCTCGAGGGAGGAGCAGGCGACGACCAGGGGC GATAAACAGCGAGAACAAAGGCGGACCGCACGCGCGCACCACACCCAG GAGAACCGAGAGCCGGAACGCGGGGGCACGGGACCAGGAAACGGAGAAGC AAAGGGACTCACAGAAGAGACTCACGCAGGAAGAACGCGAGAAACGGAGC GGGCACACAGACGGGTCGACAAGCGCAGGAAGGGAGGAGAAACGGGGCGC GGAGCGCGAGAGCCGAGGGGGAGAGAGGGAATGGAGCCGAGGAGCAGGC ACGACGGGACGAGAGACCGCGCGCGAAGGCACCCACGCGCGCCGATGGC GGAGGCGGACGCGGAGAGGGGGGGGGAGGCACAGAGCGGGTGAGATGAACGA ACCGAGGCTGGAAGGGAGGGAAAATGGGCGGGCAAGAAAAGGGCGCAGCA GGGAAAGGTAGAAGACGAGGACGATGACCAGTGGAGGAAAGCACAAATAG ATAGGAGGCGACGAGACGACGACGACGACGACGACGGAT AAAAGGAAGTAATGAAGCGTGAAAGGCTTCGCCGGCACACGCAAGAGCGA GCAGGGGGGGAGACGCGCGCGCGCGCAAGCAGCAGCCGCAGGGCGA CACGGCGGCGGCCGAGCGCCCAAACAACGGANACCGAACGGCGGACCG AAAGACGAGGGAGAAAGAGCCAAAGCGACATGAGAAGANAGAAACGCAAT AACAAGAAACGGGAGATGAAAACTGAAAAGAAGGACATGCGAAAGGGAGA AAACGAAACAGACGTGGGGCGGGGGAGAACGGATAGAAGACACGCGGAGGG GAGGACGGAAGGCGAGTGAAACAGAGATGAGCGACGCGGGGGGCAGGGAA GACGACCCGGACGAGATAGACGAGTCGCGTCGCAGGATAGGACGGGCG CGAGAGGGAACTGACGGACGGAAGAGACGACGATAGAGCAGGAAGAA GGAAGCAAGGACGAGANCGACNGAAGAAGGACAGGGTGGGGGCAA >SARS13.B21_B05_ _045.ab1 2590 TCTTTCAAGAGTATGTCATGCAACACGAACAATGAAGGAACATCGAGGGC CCGAGGGGGGGCGCGAGCCGAGACCAGCCGGAGACGGCCGCTGTATCAC GAAGGGTAGCAGCACACGGGCAGAGGTGGCCCCCTTTAAAAAAGAGAGGGC CGCGGCGCGCGGGACGGCGGGGGGGGGGGGGGGGCGCCCTTT TTAAGAGAAAGGGGACNGGACGCAGAANAGCGAGGAAACAGGACAAGAGG CCGAGGCACAGCCGCGAAGAAGCCGGAGGCAGGAACGAGGGGCGNGAAG AGGGGACAGGCGAGGACNCGCCACAGACGGCGAGCTGANACAGACGAGGG TGCCCGAGCGCAGGCGGCAGGCGGGCACACGAGCGGAGACGTGCGA AGGCAGGGATGGAGNGTGCAGGCAGAATGGCGTGACGGCGTGAATCGACA ACGACGGCGTATGGCGTATGACANGTCGCAGTAACNCATCTTGCCGGCA NCGTCCAGACGAGCGATACGACCACACCTGCGAGCGTCCCGTCTGTGTCT GGCAGTCAACGTCTACTCGCGTGTGCATGACCTAGCTCTTGCTGCTGAGG AAGCACGCACGCTGCGAAGCCAGCTTACGCATGANGCACGTAAACAGTAC AACAGTATATGCCGNAATGCAATACGGAGATGACGACATCATAACCTAGG ACACATGCAACNCGAAGTAGACAGGTGATTTCGGAACGACGAATGAACGA

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>SARS13.B21_B07___ _061.ab1 0 0 1960 ABI NGCCCCTTTATAAAGGGGCGAGGGNGCACAGCAGCCAAGAGCGGAAGGAC CCCCGGGGCGACCGCGGACGGGCGCAGGNACGCGCCACGACGANCGGA ACAANAGAAACGACCGCCGACGCGCGCGCACGACCCAACCACCGCG ACGCGCGCGCCNCGCAGGGCCAGACCGCACCACACAGCAGCAGGACAC AGGGACGGAGACGAGAAGCCGAAGCGACCGGCACCAAGAGAGAGAAG CCGCCACGCGCGCGCCCCCGCACAGGCGAGCCCCGACAGCGCCCCGC GCGCACCACCGCACGGCCCGACGCACCACCGGACAGACGGGCGACACACA CAGGGAAACCGACACGCAGCACCCGACACGCACGCCACAGAACA CACGACGCGCACCCGCACCCGCACCCGCCACGCCGACAGC CGCGGCACGACGGACGCGNCCAGCCAGCGACGGGAGCACGGAACACGGG AACGCAGCAGGNGGAACGAGAGCAAAGGGGCAGAGGAGGAGCGCGC ACAGCGACGCGGACNAGCGCCACGACAAGCGAAGCGGCGGACGAGAGCC CCNAGGCGCAACGGNACGCCGAGAGCAGCACAAGCCCGCCAACGAGAGCA GACCGCAACCCAGCCGCGGAGCGACAAACCACGGCGCCACACCAGCACA AAAGAGAACGAACAGCCAGACAAAGAGCACGGGCCGGGAGGCACGCGCCG ACAAGAAACAACGGCAAGCCAACGAACACGACAGACACCAACGCAGGACC ACAACAAGGCCGAGCAGANAGCGACCGCGGCCCGGAGCGGACAGCGAGGC CCGGGACAGCGCCCCACGCACAACCGAGCCANACGACCAAGCACA AGCGCGCGCGCACACGCCCACCGAAGNGGAACACACACGCGAAGACGAC GCCAGAGCAANCGCGCCGGGGGGACACACGGCGGCGCCCAGAGACAGCCG AGGCGCAAGCGCAGAGCCACCNGCGCCACAACCACCGCACCACAGACGCA AGCCCACACGGAAACGACCGCCCGCCCGCCGNCGAACGGCCGCACGCCAA GGCAGGACAGGCNACACGCCCGAGCCAGGGCCAGACAAAAGCAGCGAGGG AAGAGGCAGCACGAGAGCAGGACGACACACGCNNGACCGAGCAGCG GCCGGGGCGAAAGACACAAGACCCGAAGCGCCGGCAGCCGGCACNCAGCA GAAACGACCCCGAAGAGACANACAAACGAAACAGCGCCGCGCCAGAACAC ANGAGNCGACACGNGCAGGAAGGNCGCCGGCCGCAGGCGACCGGCACNGC GGAGGAGGCACAGACCACCGCAGGCACACGCGACCGCGCAAACCGCC GCAAGCAGACAACACGCCCGCAGGAGAACCAGAAGCAACACGAGAGACA GCGACCGACG

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1812

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>SARS13.B21_C03_ _027.ab1 1985 0 ABI

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>SAR\$13.B21_C07_ __059.ab1 1419 GGGGCCGCCCCCCCCAGGGCCCCCAGCAAGAGGGGACCACAACCC ANGAGGGGNGGGAGGGGGGGGGGGGGGGGGGGGNNNGNGGG AGAGGAGAGAGAGAGGGGGAGAAGGGGGAGAAAAAAGAGGGAG GGGGGAAGAGAAGGNAGAGAGGAAGAGAAGAGGAAGAGGGAAAAA GAAGGAAAGGAAGAGAGAGGAGGGANGGAAAAGAGAAAAAGAAAA GGGGAAGGAGGAGGAGG

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>SARS13.B21_D02_ _010.ab1 1849 TTCCCCCCNNNNNNNNGGGGGGGCTCTAAACCCGAGCCGTGGGGCCCG ATNTTAAAAAAAAAGAATAATATAAAATAAAAGATATAAAGAAAATGAG GAGAGAAAGGAGGTAGAGGGAATGTTTTAGTAATAGGAGAGAAAAGAGT AGAAGAGAAGAGAATAATATAATAATAGAAGGAGTTAAAATATGAAAAAG AAAGGAAGAATTTTGGGGGGAGGAGGNAAAAAAAAAAGGAAATTTTATTTT TTTGAAGTGTGAGAAAAGAGAGAATANTAGGAGTATAAGAGAATTTGTAA GATGAATGGTGGATATATGAGTAGGAATGATATAGAAAGATGGAATGGGG AGAAAAAAATAAACATAGTATAGATGATAAATAAATGATGAANTTTAAAT GAGAAGTTGATGAAGATAGGAGAAAATTAAGATATAAAAATGAGAGAAAA TGAGATAGAGAAAAGGATAAGCGAAAGATGAGGAGAAAATAGTGAGAGAA GATAAAAAAAAAGTGTATAATTTATAAAGATGGATATGTGGAANTAGGA GAGAGATAGTTTGATGATAAAAAATGTAGATTTATAATTCATATATAGAA ATAAATAAGAAAGGAAAGAAAATGACCTAAGAAAGAGGAAAAGAAGAGTG GGAGGGGTGATAAAGAAGAGGAGGTGAAAAAAAGGATTGNNAAAATGAAT GGAGAAAAATTGTATGAATAATAGTGAGGATAATATAGAATTTAATAGTA TAAGAATATTATGAGATAAGAAAATGATANAGTATGANAATAGAAAAGTA

GGGATAGAGGAGATGTGAAATAAAATGGTGGAAAATGAATGAGAGTGTGN TGAGANAGGAGAGGAGATAGGAGGACCGGTGAGGATAAGGGAAGGGTGA TGAGAAGGTAAGGGGTGATAATTGTAATGAGAGAAGAGAGAGAGAAATAT TTGGTAAGATATAAGAAAGATAATGTGTGATAGGAAGATAAGGATAAGTA TAATATATATTAGTTTTATAATGAATTGTATATATATTGTGTTTTATAT ATGAAGGATTAAAGAAAATNAGGCTGAAAGATNACANTGGATCTACAACG CACAATACACGCGATNTGAGCCTACGACGACATCAAACCGCCTACACAGA CCACNCGACACGACAACAGCACCNACCCNTCCCCACTAGCACCNACA >SARS13.B21_D03___025.ab1 1717 CGGGGCGCGCCGCCCACCACCGCTACCCCCCGGCACNGAGNA CAACATGGCCGCGAGACCCCCCTTTATAAGGGGGGCCGCCACNCCGCCC CNNCCCGCCGGCGCGCGGGGGGCCCCCCTTTAAGAAGGGCACGAANACG CGGGCGCANGGACGGGACAGGAGGGGGGGAGAACGGCGCGCA ACAAGCACAGCACGCCGCGCGCGACCAACGGCCGGCAGCCGGCACGCCG CGACCGGGCGCACGGCCAGCCGCCGGCGNCGCCGGCGGCGGCAAC GGCGCGCCCACCAACGGGGCTTCGCNCCGCGCCGGCCAGGAGAGGAAC GCAGAAGGGAGCAGGCCGGAGCCGCCGGCAAGGGGGGCGGA CGCGCAGNGAGAACGAGCCGGCCGGCCGGCCGCGCCCGC CGGAGCCGCGGAAACGCGGCCGGCCGGACGAGGGCGGAGCGGGCGAGG ACGGGGGAGGACGGACAGAGGGGGGAAGACGCCGGGAGAAGGCCGGA GAAGAGAAACGCAAACAACGCGCCGACGGCGAGGGCCCCGGCGAANA GGGCGCGCGAGCGCGCGGGCGAGCGCGGGAAAGGCAGAGGCCCCGC GGACGCAGACGGAAGAGGCGAGGCAAGCGACGGGACGGCAGGAACGGC GCGAGGCAGAGAGGGGGAGAGACGAGAGACGCACGGCGCACCGGGGGC GNGCACCCGCGAGAGGCCAAAGCGCCCGCGAAGGACAAAANCACACGCAC ACGCGACAGGACCCGCGCAGCGGCGCCACGGGAGGGGGAGGGGAGGGAG GCGACGGGGCGGAGCGCGGGCGCGAAGACCGGACCGAGGCGCCGGG GCGAGACGGGCGAGCCCACGCNGCGGCGGCCAGCCGACCCGCGCC CGCAACCCCGGCCGCACACGCCACGACCACACACGGCCACACACGCGC ACACCGACGAGCAGGGACGGGCCAGGCGCGGAGCAGCGCCACGGACGG GCGAGAGGCGCGCACGAAGGCGCGCAACGCCGATCCCTCAACC GCGCCGGACCGCGCTGC _026.ab1 >SARS13.B21_D04__ 1973 GCGGCGCGTGACAGAGACGGAAGCCCACCTACGATGTAGAGGGCAGGGCG CAGGCGCGGGGGCCCCGCTCTCGACGCACCGCCGACCGCCCCCATGT GCGGCGAGGCGAANNACCGCCCGGCGAAGGAACCGGGCAAGTGAAAAGG AGAAAAAAGGGGGGGGGGAGAAGAGGGANNGAGGGNGGAGAAAGAGAAG AAGAAAGGAGGAAAGGAGAAGAAGAGNAGANGAGGGNGAGAAGGGGAA

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1707 0 ABI >SARS13.B21_D05_ _041.ab1 CAAGAGACGAGGCGCCCAACGAGGCGCGGGGGGGGGCGCGCAGAAACAA CCCGGCCTCAAAAACGACGAAAGGCTGACATCCCTAAAAGGGGGNNNNN NAGNNNNGNNNNNNNNGNGGGGGCCCTTAAAAGGAGGGGCGAGAACAGAC GACGAAGGGAAAAGAGGGGAACCAAAGAGGGGAAGCACGGCAGGGAGAAG CGACCAACCCACAAACACAAACACAAAGANAAGAACGACCCGCACCC AGGAGACAGGCAGACGGCAGGAGGGGAAACGGGAGACAGGCGGAGC GAGAGAAGACGGAAGCCGGGCGGACGCCGGGAAAGNAAGCCCNGGAAGGA CGCAGAGGCGAGCCNGAGAANAACGCGGACGGCAAGCAGCAGGGGAGAGA GACGGGCANGACAACANGGGAACAGGAGGGAGCAGAGCGCACCCGCGACG AAGGACAGAGCGGACCAAAAGCGCCGGGAAAGGCGCAAAACAAANCGCCC GCGCAACCGACGCCACACCGAGGCAGCGGCAACACGGACCGGAAGCAACA GGGAGACGGGGGGCCGGCCGGAAAGAGAACGAAACACCGCGGCAA GCGAGCACAGACAGACACACGCGACCGAGCAGCAGACACAACGGCCC CACCACACACAACCAACGACAGACCAGGAAGACGGCAGGCGCGCAGGA GACGACCGCGCGGCAAGCCAAGGAGGAAGGCAGAACACGAACGAGCAC CGAGAGCACACGACGCAAACCGGAACCGAGCACAGGACGCGCCGAGC GACACACCGAAGCGAACACCCGCAGCGAAGCAGGAGGAAAGCCCAGGCGG GAACGAGACAGAACAAAAACGAGCAACAGGAACGAAAAAGCCAACAGCG CACGAAGCAGCAACGCACACAGGCAGCAAACGAAACAAGAACCCGAAAC ACAACGACGAAAAACAGAAGGAAGAAAAACAGGGGAAAGCAACACCGAAG AAAGGGAGGCAGGAACAGACAGACCAGACCAGACAGACGAAGA GCGGCGAGGCNCACGGGGGAGGACAGAGGGGGGGGGAGCCCGAGAGGGCAGA CACCACCGCACACGCAGAGCAACGGCGCGACAAACCCGCCACACACA CAGAACACCACACAANACAAAACAGAAGAACCAAACGACGGGACGCGGAA CGACACAGAAAAAAAGAGCAGAACACGAGCGCAAAGAAACGCGAACCGAC AAAGCAAGCAAGCGAGAAAGGGGAGGGCGCGACAGCACGGGACGGACGG GAAGAGCAGACAGCACAACAGAGAANGGGCCGGACGGAACAGAGCAGGAG CGAGAGAGAGCGCGAAGGACGCGAGAAAGGCACCGAAGNGGNA **GAGGAGA**

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>SARS13.B21_F07___053.ab1 1587 0 0 AF

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>SARS13.B21_G10___068.ab1 1828 GTACAACGGAAGAAGCACCGGAGAGCGTGAAAGGTAGGGGGGGACGGAGG GGGATGCCGGTGNGAAAAGATAGGCAGACCCGANAGAGAGGTGAGGAATC NNNNGNNGAGAGAAAACCCTCTTTTAAAGAAAACNGCGCGGANGGGAGCA GAGAGACGAANNAAAGGGAACAAAGGCCGAGAAAGANGACAGAAGAGAAA AACAGGCGAGAGAAAGGAACAGGGAACGAACGAGAGAAAAACAGGAGA GAGAAGGAGAACAAGACAGCGGNGNCAGAGGACGGGNACNAAGAAGAAGA AGAAAGGACAAGAGAAGNCGACGGACGANAACAAAAAGAAGAGGGAGAAC AGGGACGAAGCACGAACGGAAGAAGAAGAAGAAACAAGCGAACAGA CGAAGCAAAAGCGAGAAAGAGGAGAAAAGCAAGAAGGAGAGAAAAGGG GCAAAGGGGGGCGAGACAACGAGAACAGACAGAGAGAACAGGACCAAAAA GACGGAAGAGGGGCAGGAAACGGAAGGAGAAGGAGAGGACGGAGACCGG GGAAGCGAAGNAAAAAGGAACGAGCACCAAACACGGAAGAAGAAGAAGACAG AAGGGACGCCACAGCACCAACAAGCNACCCGCNCAAGCAACCAGCAAC AAGCAGACCAGAGGAACCGGACGAANACCCAGAGGACGGAAANGGCGAAC GAAGGAGACGACGACGAACGAACGAAGCCAGGACAGGACCGG CAGAGAGCAGACGACCGAGNCAACGACGGAGAGCAGAACGACGCGGCGG GGCGCGAGANGAACACCGACAGAAGGAAAGCGGAAGAGGACAAAGGACGA GAGAGGGGAGAGAAGAAGAGGACAGGACACAGACAAGCAA CAAAAAAAGAACAAAAGAAGAAANAGCAAAGAACGAGAAACGAGAAGA GAAACAGACAGGGAGCAGGCCAAAAACACAGCGCAGGAAAACAGGCACGA GGAGCAGAGGCGAAAACAGAGGACACAAACGAGCNGAAAAGACGGAGGC AAAAGCGCGACGAAGGCAACAGGAAGGAACNGAACGAACAGAGAACAACG CGAGGAAGGACAACAACCAACGACACAAAAAAAACGCGGAAAAGAGA GAAAGAAGAAGAACAAAAGAACAAAGAGNGAAAAAAGAAGCCACAAA AACAAGGAGACAGAACGCGAGAACACAGAGGAAACCAGAGGAAAGGAAAA GGGAAAGAACACAGAAAAAGACCGCGANGGGAAGAGAGGGGAGAAGCACA CACAACAAGACAACGAAAACGAAGAGAACGAGCCAAAGACGAGCGGAGA GAAGAGGGGCGACAAAGGAGAGAGGGA

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>SARS13.B21_H06___034.ab1 1761 GAAGGTGGCAGCCGGGCAGTCGGGACACCCTTCGGGGGCGCGCCGGGGGG TAAAGGGAAGAGAGGAAAGGAGGAGGAAGGGAAGGAAAAAGGA AGNAGGAAAGGAAAGGAAAGGGAAAGGAAAGGAAAGGAAAGGAAAGGAAAGG GGGAGAGAGAGAGGGGGGGGGGGGGAGAAGAGAGGGA AGAGAGAAAAAGAAGNAGGGAGGAGAGAGAAANAGGAAGAGAGAGAGAAANAGGA AGAAAGAGAAGGGAGAGAAAAGAAGAAGAAGAAGAAGGAANGAGGGAGGGA NAGAAGNAGNANAGAGGGGGAAGAGAGAGAGAANGAAAGGAGANGAANA GAGAGGAGAAAAAGGAGGGGAGGGGAAAGGGGGAAANGAAAAGGAG GGGAGGGGGAAGANGGGGAAAGANGGGAGAGAGAGGGGAGGGGA GGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAAAAGGAA GAAAGGGGGAGAAGNAGGAGGANAAGAAGANAAAGGANGAAGANGGAAGA **AGAGAGAANAN**

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